

Converting Colors

YUV(37.6170, 54.9118, 27.5229)

Have a look what the booklet for
YUV(37.6170, 54.9118, 27.5229)
contains.

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Color

**YUV(37.6170, 54.9118,
27.5229)**

Conversions

Conversions Part 1

Format	Color
Hex	450095
RGB	69, 0, 149
RGB Percent	27%, 0%, 58%
CMY	0.7294, 1.0000, 0.4157
CMYK	0.54, 1.00, 0.00, 0.42
HSL	268°, 100%, 29%
HSV	268°, 100%, 58%
XYZ	7.8791, 3.4351, 28.6815
YIQ	37.6170, -6.7050, 60.9670

Conversions

Conversions Part 2

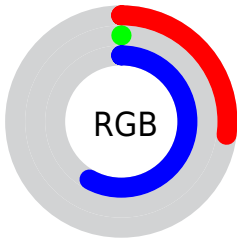
Format	Color
R _Y B	69, 0, 149
Decimal	4522133
CIE Lab	21.71, 55.48, -63.19
CIE LCh	22, 84.088, 311.280
Yxy	3.4351, 0.1970, 0.0859
Android (android.graphics.Color)	4282712213 (0xFF450095)
YUV	37.6170, 54.9118, 27.5229
Hunter-Lab	18.5341, 43.4476, -78.7774

Details

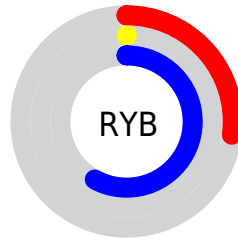
The YUV color **37.6170, 54.9118, 27.5229** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **111.3830, -54.9118, -27.5229**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.6230, 52.4439, 25.7636**, and **11.0580, 42.3694, -9.6979** is the 20% darker color. If you saturate the color by 10%, you get **37.6170, 54.9118, 27.5229**, and if you desaturate by 10%, it is **48.8140, 49.3917, 24.7191**.

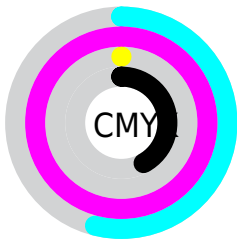
Distribution



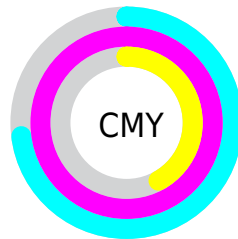
- Red (27%)
- Green (0%)
- Blue (58%)



- Red (27%)
- Yellow (0%)
- Blue (58%)



- Cyan (54%)
- Magenta (100%)
- Yellow (0%)
- Black (42%)



- Cyan (73%)
- Magenta (100%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.6170, 54.9118, 27.5229 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 37.6170, 54.9118, 27.5229 by changing the saturation by 10% instead.

■ 37.6170, 54.9118,
27.5229

■ 37.6170, 54.9118,
27.5229

■ 254.4130, 0.2894,
0.5148

■ 24.9710, 47.8353,
10.5494

■ 97.6230, 52.4439,
25.7636

■ 11.0580, 42.3694,
-9.6979

■ 124.8620, 53.3120,
27.3080

■ 8.2080, 31.4495,
-7.1984

■ 151.3030, 51.1226,
29.5523

■ 7.8200, 19.8087,
-6.8581

■ 175.8230, 39.0343,
33.4812

■ 3.6650, 11.5042,
-3.2142


■ 200.6420, 26.7985,
38.0250


■ 0.0000, 0.0000,
0.0000


■ 220.3670, 17.0741,


30.3731


 237.3900, 8.6817,
15.4440


 37.6170, 54.9118,
27.5229

 48.8140, 49.3917,
24.7191

 60.0110, 43.8716,
21.9154

 71.2080, 38.3515,
19.1116

 82.4050, 32.8313,
16.3078

 93.6020, 27.3112,
13.5040

■ 104.2120, 22.0805,
11.2151

■ 115.4090, 16.5604,
8.4113

■ 126.6060, 11.0402,
5.6075

■ 137.8030, 5.5201,
2.8038

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.9790, 62.1284, -47.3396



37.6170, 54.9118, 27.5229



51.3800, 21.0117, 74.2117

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



37.6170, 54.9118, 27.5229



47.1890, -23.2642, 41.9302



50.8140, 11.9237, -44.5639

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



37.6170, 54.9118, 27.5229



111.3830, -54.9118, -27.5229

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



41.4320, -18.9470, -36.3359



37.6170, 54.9118, 27.5229



46.3160, -22.8338, -2.9081

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



37.6170, 54.9118, 27.5229



39.4680, -19.4577, 81.1506



39.3290, -19.3892, -34.4915



58.3550, 38.2790, -51.1773

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



37.6170, 54.9118, 27.5229



50.5930, 1.1867, 86.3029



39.3290, -19.3892, -34.4915



47.7190, 2.6035, -41.8496

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



37.6170, 54.9118, 27.5229



150.6850, 21.3543, 10.8003



65.1200, 41.3528, -57.1102



70.7740, 12.9294, 6.3372



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.6170, 54.9118, 27.5229



49.0260, 71.4722, 35.9342



59.4440, 44.1511, 72.4016



68.6950, 2.6154, 1.1445



34.8680, 50.8441, 25.5488



2.6350, 3.6309, 2.0741

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



53.6710, 12.9802, 83.6035



69.8620, 16.8300, 108.8690



89.5560, -44.1511, -72.4016



69.5490, 0.7153, 3.9035



49.6980, 11.9809, 77.4409



3.5600, 0.7099, 5.6479

Previews

White Background



This preview shows how the YUV color 37.6170, 54.9118, 27.5229 looks on a white background.

Color Contrast Check

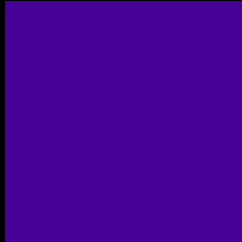
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 37.6170, 54.9118, 27.5229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

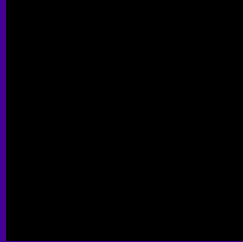
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 37.6170, 54.9118, 27.5229

Background



This preview shows how black text looks on a background with the YUV color 37.6170, 54.9118, 27.5229.



This preview shows how white text looks on a background with the YUV color 37.6170, 54.9118,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Protanopia

43.8790, 33.5837, -38.4819

Deuteranopia

44.4030, 25.4373, -38.9414

Tritanopia

53.4870, 4.6899, -10.9511

Trichromacy



Protanomaly

41.6830, 41.0753, -14.6310

Deuteranomaly

41.7170, 36.1285, -14.6608

Tritanomaly

47.6840, 22.8338, 2.9081

Monochromacy



Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.6310, 19.9019, 9.9706

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.6170, 54.9118, 27.5229 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(69, 0, 149)` looks like.

```
.text, #text, p{  
    color:rgb(69, 0, 149)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(69, 0, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 0, 149) }
```

Border

The CSS property to change the border of an element to YUV 37.6170, 54.9118, 27.5229 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(69, 0, 149) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(69, 0, 149) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(69, 0, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 0, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 0, 149);  
box-shadow:4px 4px 4px 4px rgb(69, 0, 149)  
}
```


Background

The CSS property to change the background color of an element to YUV 37.6170, 54.9118, 27.5229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 0, 149) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(69, 0,  
149) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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